

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Unassigned
NOBUYUKI HIRAYAMA)	
	:	Group Art Unit: 2853
Application No.: 10/577,320)	
	:	Confirmation No.: 4950
Filed: April 28, 2006)	
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For: PRINthead, PRINthead)	
SUBSTRATE, INK CARTRIDGE,	:	
AND PRINTING APPARATUS)	
HAVING PRINthead	:	January 9, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign documents, together with English-language abstracts thereof, are enclosed.

The listed foreign documents were cited in foreign Office Actions issued in related foreign applications. Copies of the foreign Office Actions are also enclosed. (It is noted that the documents cited in the foreign Office Actions not cited herein have already been cited in other Information Disclosure Statements previously filed in the subject application.)

U.S. Patent No. 6,400,349 is a U.S. counterpart to JP 11-291550 (A).

FORMAL MATTERS

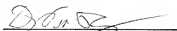
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits has not yet been issued in the subject application, neither a statement under 37 C.F.R. § 1.97(c) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted: January 9, 2007			ATTY DOCKET NO. 00862.103495		APPLICATION NO. 10/577,320		
APPLICANT NOBUYUKI HIRAYAMA							
FILING DATE April 28, 2006					GROUP 2853		

U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,400,349	06/2002	Nagumo			

FOREIGN PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	2871779 (B2)	01/1999	Japan			Abstract
	11-291550 (A)	10/1999	Japan			Abstract & U.S. counterpart
	2001-1513 (A)	01/2001	Japan			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

Sheet 1 of 1